




Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Applicant Number	To Be Assigned	
			Filing Date	Herewith	
			First Named Inventor	Richard B. Gundlach et al.	
			Group Art Unit	Unknown	
			Examiner Name	Unknown	
Sheet	1	of	2	Attorney Docket Number	CRS 0105 PUS1

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. PATENT DOCUMENT		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		3,929,471		Akahori et al.	12-1975	
		4,221,612		Thome	09-09-1980	
		4,325,758		Milligan	04-20-1982	
		4,490,175		Matsuzaki	12-25-1984	
		5,096,515		Kawamura et al.	03-17-1992	
		5,252,149		Dolman	10-12-1993	
		5,310,431		Buck	05-10-1994	
		5,316,596		Kataoka	05-1994	
		5,733,388		Kurebayashi et al.	03-31-1998	

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
 		EP	0 430 241 A1		Hitachi Metals, Ltd.	06-05-1991		
		EP	0 533 929 A1		Nippon Steel Corp.	12-26-1991		
		JP	11-61322		Kougi KK	03-05-1999		
		JP	11-229070		Kobe Steel Ltd.	08-24-1999		
		JP	64-42553		Sumitomo Metal Ind Ltd	02-14-1989		

Examiner Signature	<i>John P. Sheehy</i>	Date Considered	6-15-04
--------------------	-----------------------	-----------------	---------

*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

* ENGLISH LANGUAGE ABSTRACT ALSO ENCLOSED

